

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/016409

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L51/30 H01L51/52 H01B1/12 C08G61/12 C08G73/02
C08K3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01B C08G H01L C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|------------------------|
| X | US 2002/179900 A1 (GREUEL GEORG ET AL) 5 December 2002 (2002-12-05) paragraphs '0006!', '0007!', '0010!', '0011!', '0014! examples 1-4 claims 1-3,5,6 | 1-19 |
| X | US 2001/022497 A1 (KISHIMOTO HIROSHI ET AL) 20 September 2001 (2001-09-20) paragraphs '0095!', '0237! - '0241! ----- -/- | 1-3, 5-12, 14-19 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 September 2004

Date of mailing of the international search report

24/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| X | <p>ELSCHNER A ET AL: "HIGH-RESISTIVITY PEDT/PSS FOR REDUCED CROSSTALK IN PASSIVE MATRIX OELS"</p> <p>ASIA DISPLAY / IDW'01. PROCEEDINGS OF THE 21ST INTERNATIONAL DISPLAY RESEARCH CONFERENCE IN CONJUNCTION WITH THE 8TH INTERNATIONAL DISPLAY WORKSHOPS. NAGOYA, JAPAN, OCT. 16 - 19, 2001, INTERNATIONAL DISPLAY RESEARCH CONFERENCE. IDRC, SAN JOSE, CA : SI, vol. CONF. 21 / 8, 16 October 2001 (2001-10-16), pages 1427-1430, XP001134249</p> <p>page 1430, right-hand column</p> | <p>1,2,5,7, 10-12, 14-19</p> |
| X | <p>ELSCHNER A ET AL: "PEDT/PSS FOR EFFICIENT HOLE-INJECTION IN HYBRID ORGANIC LIGHT-EMITTING DIODES"</p> <p>SYNTHETIC METALS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 111/112, 1 June 2000 (2000-06-01), pages 139-143, XP000961480</p> <p>ISSN: 0379-6779</p> <p>page 140, left-hand column</p> | <p>1-3, 5-12, 14-19</p> |
| X | <p>US 5 578 249 A (ABE MASAO ET AL)</p> <p>26 November 1996 (1996-11-26)</p> <p>examples 3,7,9</p> | <p>1,2,5,7, 10-12, 14-16</p> |
| X | <p>US 2001/044492 A1 (KRESS ROBERT J ET AL)</p> <p>22 November 2001 (2001-11-22)</p> <p>paragraphs '0052!, '0054!</p> <p>tables 1-3</p> | <p>1-3,6-8, 10-12, 14-16</p> |
| X | <p>US 2003/087991 A1 (ENGEL MICHAEL R ET AL)</p> <p>8 May 2003 (2003-05-08)</p> <p>example I</p> | <p>1-3,6-8, 10-12, 14-16</p> |

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Information on patent family members

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